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To: Examiner Deborah Crouch
 USPTO
Art Unit: 1632
Confirmation No.: 1839

From: Xiaochun Zhu, Ph.D.

Fax: (571) 273-8300 **Pages:** 66 (including cover sheet)

Phone: **Date:** August 24, 2005

Re: Benjamin Reubinoff, et al.
 U.S. Patent Appn. No. 09/970,543 **CC:**
 Filed: October 4, 2001
 Our Docket: 14418Z

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The following is being transmitted (see attached):

1. Transmittal of Information Disclosure Statement (in dup)
2. Information Disclosure Statement
3. Form PTO-1449
4. Four (4) References
5. Authorization to charge Deposit Account 19-1013/SSMP for \$180.00
6. Certificate of Facsimile

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

Applicant(s): Benjamin Reubinoff, et al.

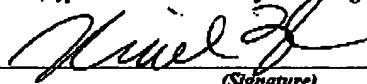
Docket No.

14418Z

Application No.
09/970,543Filing Date
October 4, 2001Examiner
Deborah CrouchGroup Art Unit
1632

Invention: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM

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**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(d))**
**Docket No.
14418Z**
In Re Application Of: Benjamin Reubinoff, et al.

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/970,543	October 4, 2001	Deborah Crouch	23389	1632	1839

Title: EMBRYONIC STEM CELLS AND NEURAL PROGENITOR CELLS DERIVED THEREFROM
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The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), and on or before payment of the issue fee, and is accompanied by the Statement as specified in 37 CFR 1.97(e) and the fee set forth in 37 CFR 1.17(p).

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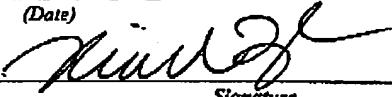
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Xiaochun Zhu

Registration No. 56,311

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benjamin Reubinoff, et al. Examiner: Deborah Crouch
Serial No.: 09/970,543 Art Unit: 1632
Filed: October 4, 2001 Docket: 14418Z
For: EMBRYONIC STEM CELLS AND Dated: August 24, 2005
NEURAL PROGENITOR CELLS
DERIVED THEREFROM

Confirmation No.: 1839

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

CERTIFICATION OF FACSIMILE TRANSMISSION

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Dated: August 24, 2005


Xiaochun Zhu

08/25/2005 SDIRETA1 0000055 191013 09970543

01 FC:1806 180.00 DA

1. M. J. Shambrott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", Proc. Natl. Acad. Sci. USA, 95: 13726-13731 (1998);
2. Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", Nature Biotechnology, 18: 675-679 (2000);
3. Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells", Science, 288: 1660-1663 (2000); and
4. Australian Patent Application No. 2001263199 B2, published November 26, 2001 (which corresponds to International Publication No. WO01/88104).

Applicants are submitting copies of the above-cited references.

The references were cited in an Opposition filed on August 3, 2005 with the Australian Patent Office in the corresponding Australian Patent Application No. 779694.

The following references were also cited in the Opposition, but were either already cited by the Examiner in the Office Action dated March 5, 2004, or already submitted in the Information Disclosure Statement dated April 29, 2004 or the Information Disclosure Statement dated December 18, 2003, and therefore copies are not provided:

M. Li, et al., "Generation of Purified Neural Precursors from Embryonic Stem Cells by Lineage Selection", Current Biology, 8(17): 971-974 (1998); T. Mujtaba, et al., "Lineage-Restricted Neural Precursors Can Be Isolated from Both the Mouse Neural Tube and Cultured ES Cells", Developmental Biology, 214: 113-127 (1999); O. Brustle, et al. "Embryonic stem cell-derived glial precursors: A source of myelinating transplants" Science, 285: 754-756 (1999); Australian Patent Application No. 25106/99, published July 12, 1999 (which corresponds to International Publication No. WO 99/32606); and B. E. Reubinoff, et al. "Embryonic stem cell lines from human blastocysts: somatic differentiation in vitro" Nature Biotech. 18: 399-404 (2000).

The undersigned attorney hereby states that each item of References Nos. 1-4 was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Consideration of this Information Disclosure Statement is respectfully requested, since the art provided may be material to the examination of the present application as defined under 37 C.F.R. §1.56.

This Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(d)(1)(2) and statement under 37 C.F.R. §1.97(e)(1). The Commissioner is hereby authorized to charge the fee in the amount of \$180.00 associated with this communication or credit any overpayment to Deposit Account No. 19-1013/SSMP.

Respectfully submitted,



Xiaochun Zhu
Registration No. 56,311

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Sheet 1 of 1

Form PTO-149 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE		Atty. Docket No. (Optional)		Application Number			
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		14418Z		09/970,543			
		Applicant(s) Benjamin Reubinoff, et al.					
		Filing Date October 4, 2001		Group Art Unit 1632			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2001263199 B2	11/26/01	Australia				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		M. J. Shambrott, et al., "Derivation of pluripotent stem cells from cultured human primordial germ cells", <u>Proc. Natl. Acad. Sci. USA</u> , <u>95</u> : 13726-13731 (1998)					
		Sang-Hun Lee, et al., "Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells", <u>Nature Biotechnology</u> , <u>18</u> : 675-679 (2000)					
		Diana L. Clarke, et al., "Generalized Potential of Adult Neural Stem Cells, <u>Science</u> , <u>288</u> : 1660-1663 (2000)					
EXAMINER		DATE CONSIDERED					
<small>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							